

64744-1

4/23/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Wm Ronald Landis  
Spiess-Urania Chemicals GmbH  
C/o Landis International  
PO BOX 5126  
Valdosta, GA 31603

APR 23 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated March 31, 2010 for:

**EPA Registration 64744-1      Funguran-OH**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number Spiess-Urania/64744-1	2. EPA Product Manager Tony Kish	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Funguran-OH	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Spiess-Urania Chemicals GmbH c/o Landis International P.O. Box 5126 Valdosta, GA 31603-5126 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  <b>APR 23 2010</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of Storage and Disposal statements per PR Notice 2007-4. This notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

### Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper with polyethylene lining <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container 600kg/480kg 60/19	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10 kg and 25 kg		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Wm. Ronald Landis		Title Regulatory Agent		Telephone No. (include Area Code) 229-247-6472	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Agent			
4. Typed Name Wm. Ronald Landis		5. Date March 31, 2010			



March 31, 2010

Ms. Linda Arrington  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Subject: FUNGURAN® OH EPA Reg. No. 64744-1 label update per Pesticide Registration Notice 2007-4

Dear Ms. Arrington,

We are submitting this Notification for Pesticide Registration Notice 2007-4 on behalf of SPIESS-URANIA CHEMICALS GMBH. FUNGURAN® OH EPA Reg. No. 64744-1, is currently in the process of reregistration. The subject label changes were submitted as part of the label changes for the Data Call-in in August of 2008, but the labels will not be revised in time for the deadline for the Pesticide Registration Notice 2007-4 statements to be on the marketing label.

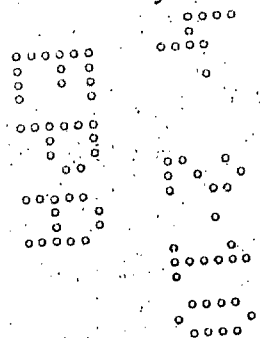
To fulfill the requirements of Pesticide Registration Notice 2007-4, please find the following enclosed:

- Application for Pesticide (Form 8570-1)
- Label with the PRN 2007-4 changes
- Self addressed postcard to inform of acceptable notification

Thank you for your assistance. If you need any additional information please contact Crystal Layton at 229-247-6472 or [clayton@landisintl.com](mailto:clayton@landisintl.com)

Sincerely,

Wm. Ronald Landis  
Regulatory Agent for SPIESS-URANIA CHEMICALS GMBH



FUNGURAN<sup>(R)</sup>OH

ACTIVE INGREDIENT:

Copper Hydroxide .....	77 %
Inert Ingredients.....	23 %
TOTAL.....	100 %

NOTIFICATION

APR 23 2010

(Metallic Copper Equivalent..... 50 %)

KEEP OUT OF REACH OF CHILDREN

**DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail)

STATEMENT OF PRACTICAL TREATMENT

**If Swallowed:** Drink promptly a large quantity of milk, egg white, gelatine solution, or if these are not available, large quantities of water. Avoid alcohol. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

**If Inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated.

**If On Skin:** Wash skin immediately with soap and water. Call a physician immediately.

**If In Eyes:** Flush eyes immediately with plenty of water. Call a physician immediately.

See side panel for additional precautionary statements.

Agricultural Use Requirements

Use this product only in accordance with its labelling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labelling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA No. 64744-1

EPA Est. No. 64744-1

NET CONTENTS:

MANUFACTURED BY:  
SPIESS-URANIA CHEMICALS GMBH  
HEIDENKAMPSWEG 77  
D-20097 Hamburg  
Germany

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER - PELIGRO**

Corrosive, causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through the skin. Do not breathe vapours or spray mist. May cause skin sensitization in certain individuals. Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:**

Users should:

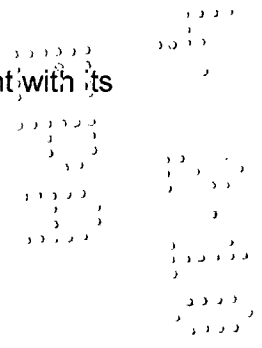
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside.  
Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not allow rinsate from cleaning of equipment to enter surface or ground water.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labelling.



Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labelling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and green-houses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements of this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear.

### GENERAL INSTRUCTIONS

Use FUNGURAN<sup>(R)</sup>-OH as noted below. FUNGURAN<sup>(R)</sup>-OH is adaptable to spraying from all types of spray equipment. Depending on the equipment used and the specific crop, the volume applied per acre will differ. For dilute, high volume sprays: use from 25 to 100 gallons of water per acre (GPA) for most vegetable crops, 400 to 800 GPA for fruit orchards and up to 1500 GPA as may be required for large citrus groves. For concentrate ground sprays apply from 5 to 20 GPA for most vegetable crops and 25 to 100 GPA for fruit and nut crops. For aerial spraying, 3 to 15 GPA are commonly used. No additional surfactants are needed. Add FUNGURAN<sup>(R)</sup>-OH slowly to a spray tank partially filled with water. Spreader stickers, insecticides, nutrients, etc. should be added at last. Observe all cautions and limitations on labels of all products used in mixtures.

The following specific instructions are based on general applications. The recommendations of State Agricultural Extension Services should be closely followed as to timing, frequency and number of sprays per season.

**STORAGE AND DISPOSAL**

~~Do not contaminate water, food or feed by storage or disposal.~~

~~STORAGE: Store unused product in original container only in cool, dry area out of reach of children and animals.~~

~~PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.~~

~~CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill, by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.~~

**DIRECTIONS FOR USE**

Use high rate when conditions are favorable for disease development or when signs and symptoms of disease are present. Use lower rate when conditions are less favourable for disease.

ALFALFA, Cercospora & Leptosphaerulina Leaf Spots. Apply at 2 pounds per acre 10-14 days before each harvest or earlier if disease threatens. Apply with ground or aerial equipment. Spray injury may occur with sensitive varieties such as Lahontan.

ALMONDS, Coryneum Blight & Blossom Brown Rot. Use 2-3 pounds per 100 gallons of water (300-400 GPA) in late dormant before foliage buds swell if frequent rainfall occurs. A second application should be made during the early bloom stage (popcorn). To avoid plant injury, do not use above rate after full bloom. Bacterial Blast (Pseudomonas). Use 3-4 pounds per 100 gallons at dormant to early pink bud. For blast control in sprinkler irrigated orchards or where disease is severe, apply 2-4 sprays at 0.25 pound per 100 gallons at 2 week post-bloom intervals or just before sprinkling. Slight leaf injury may occur from post-bloom spray.

APPLE, Anthracnose, European Canker, Pseudomonas. Apply before fall rains at 3-4 pounds per 100 gallons (300-400 GPA). Use on yellow varieties may cause discoloration. To avoid, pick before spraying. Fireblight. Apply at 2-4 pounds/100 gallons of water as a full cover spray. Make application between silver-tip and green-tip. Attention: Phytotoxicity may occur from late application. (Discontinue use when green-tip is 1/2-inch). Crown or Collar Rot. Mix 4 pounds in 100 gallons of water. Apply 4 gallons of suspension as a drench on the lower trunk area of each tree. Apply either in early spring or in fall after harvest each year. Do not use if soil pH is below 5.5 or copper toxicity may result. (EXCEPT CALIFORNIA)

APRICOTS, Coryneum Blight (Shot Hole) & Blossom Brown Rot. Apply at popcorn to full bloom using 2-3 pounds per 100 gallons (300-400 GPA). To avoid spray injury, do not apply after bloom.

AVOCADOS, Scab. Apply when bloom buds begin to swell at 2 pounds per 100 gallons or 8-10 pounds per acre depending on equipment. Continue application at monthly intervals for 5 to 6 applications. Follow recommendations of State Agricultural Experiment Stations.

BANANAS, Sigatoka. Apply by air at 2 pounds per acre in 3 gallons of water containing 0.5 gallon agricultural oil. Apply on a 14 day schedule throughout the wet season. Apply at 21 days intervals during dry periods. Black Pitting. Apply at 4 pounds per 100 gallons directly to the fruit stem and include the basal portion of the leaf crown. Apply during the first and second week after emergence.

BEANS, Bacterial Blight (Halo & Common). For protective sprays, apply first application when plants are six inches high. Apply on 7-14 days schedule depending on local conditions. Use 1-3 pounds per acre depending on disease severity.

BLACKBERRIES (Santiams, Logans, Boysens, Marions, Auroras, Cascades, Chehalems, and Thornless Evergreens). Leaf & Cane Spot. Apply delayed dormant spray after training in spring at 4 pounds plus 1 quart superior-type oil per 100 gallons. Make fall spray application after harvest using 4 pounds plus 1 quart superior-type oil per 100 gallons.

BROCCOLI, BRUSSELS SPROUT, CABBAGE & CAULIFLOWER, Downy Mildew. Apply 0.5 to 1 pound in a minimum of 25 GPA at 7 day intervals. (CABBAGE ONLY). Black Rot (Xanthomonas) & Black Leaf Spot (Alternaria). Apply at 2 pounds per acre in a minimum of 25 GPA at 7 to 10 days intervals. (Attention: A slight reddening of older leaves may occur on broccoli and a slight flecking of wrapper leaves may occur on cabbage at the two pound rate). For control of diseases of these crops, begin applications after transplants are set in the field, or shortly after emergence of field-seeded crops or when conditions favour disease development.

CACAO, Black Pod. Begin applications at the start of the rainy season and continue while infection conditions persist. Sprays should be made as often as 14 to 21 days in high rainfall areas at varying rates from 2 to 4.5 pounds per acre depending on disease severity. For drier areas, where 2 to 4 applications are recommended during critical infection periods and at long intervals, use 6.5 to 8.5 pounds per acre, according to disease incidence and planting density.

CANTALOUPEs, HONEYDEWS & MUSKMELONS, Downy Mildew. Apply weekly at 2 pounds per acre before disease appears.

CARROTS, Carrot Blight (Cercospora). When disease threatens apply 2 pounds per acre at 7 to 14 day intervals depending on disease severity.

CELERY, Early, Late & Bacterial Blights. Apply as soon as plants are first established in the field at 2 pounds per acre, then every 5-7 days depending on severity and weather. One or two quarts of a suitable agricultural spray oil per acre may be used as spreader-sticker.

CHERRY, Dead Bud (Pseudomonas syringae) & Coryneum Blight. Apply 6 pounds plus 1 pint superior-type oil per 100 gallons in October (before heavy fall rains) and again in



January. In orchards where the disease is severe, a spray should also be applied in August. Brown Rot Blossom Blight. For adequate control apply 2-3 pounds per 100 gallons as a full cover spray at popcorn and full bloom.

CITRUS, Melanose, Scab, Greasy Spot & Pink Pitting. Apply as pre-bloom and post bloom sprays. Use 0.75 to 1.5 pounds per 100 gallons, depending on disease severity. May be used in concentrate sprays at equivalent rates. For aerial application use 6 pounds per 100 gallons per acre. Brown Rot. Use 0.5 to 1 pound per 100 gallons as dilute spray or at equivalent rate as concentrate spray depending on severity of disease. Begin application in fall before or just after first heavy rains. Apply to skirts of trees to a height of at least 4 feet. Apply also to bare ground one foot beyond skirt. (California only) In areas subject to copper injury, add 1/2 to 1 pound of high quality lime per pound.

COFFEE, Iron Spot (*Cercospora coffeicola*) & Pink Disease (*Corticium salmonicolor*). Apply at 2 pounds per acre as a concentrate or dilute spray. Begin treatment at start of wet season and continue at monthly intervals for three applications. Leaf Rust (Brazil). Apply at 3.5 to 5.5 pounds per acre for average density plantations. High density plantations may require 7-8 pounds per acre. Make application from September to March depending on altitude and local recommendations. Apply at 3 to 4 week intervals depending on disease severity and rainfall conditions.

CRANBERRY, Fruit Rot. Apply at 8 pounds per acre beginning in late bloom. One or two additional applications made at 10 to 14 day intervals may be required, depending on disease pressure. Follow the advice of the State Agricultural Extension Service.

CUCUMBERS, Angular Leaf Spot & Downy Mildew. Apply weekly once the plants begin to vine. Use at 1.5 to 2 pounds per acre.

CURRANTS & GOOSEBERRY, Leaf Spot. Make three applications at 10 pounds per acre, starting after harvest, before bloom and after petal fall.

EGGPLANT, *Alternaria* Blight, Anthracnose, *Phomopsis*. Use 2 pounds per acre before disease appears. Repeat at 7 to 10 day intervals (EXCEPT CALIFORNIA).

FILBERTS, Bacterial Blight. Apply 4-6 pounds FUNGURAN<sup>(R)</sup>-OH plus 1 pint superior-type oil per 100 gallons in late August or early September. In seasons of heavy rainfall, apply another spray when three-fourths of the leaves have dropped.

GRAPES, Black Rot, Powdery Mildew & Downy Mildew. Apply 2 pounds FUNGURAN<sup>(R)</sup>-OH plus 2-6 pounds hydrated lime per acre as a dilute or concentrate spray. Use FUNGURAN<sup>(R)</sup>-OH for the last one or two late summer applications following early season application of another fungicide. Follow State schedule for exact timing. (Attention: Slight to severe foliage injury may occur on copper-sensitive varieties such as Concord, Delaware, Niagara, and Rosette).

HOPS, Downy Mildew. Apply 2 pounds as a fungicide crown treatment (after pruning, but before training) as needed. After training, additional fungicide treatments are needed at about 10 day intervals. Discontinue use 2 weeks before harvest.

LETTUCE, Downy Mildew. Apply 1-2 pounds per 100 gallons of water. Begin treatment when disease first appears and repeat every 7-10 days as needed to suppress disease.

LIVE OAK, Ball Moss (Texas only). Apply at 6 pounds per 100 gallons of water, in spring after heavy rain, using 1.5 gallons of spray per foot of tree height. Make sure to wet tufts thoroughly. A second application may be required after 12 months.

MANGO (Florida), Anthracnose. Apply monthly after fruit set until harvest at 2 pounds per 100 gallons or 8-10 gallons per acre depending on equipment. Consult Extension Service for State recommendations.

OLIVES (California), Peacock Spot. Make first application at 2-3 pounds per 100 gallons or at 8-12 pounds per acre depending on equipment before winter rains fall. A second application in early spring should be made if disease is severe.

ONION, Purple Blotch & Downy Mildew. Apply 2 pounds per acre when plants are 4 to 6 inches high and repeat at 7 to 10 day intervals.

PEACHES AND NECTARINES, Leaf Curl & Coryneum Blight (Shot Hole). Dormant application, apply at leaf fall. Dilute: Apply 2-4 pounds per 100 gallons (minimum of 8 lbs/acre). Use 16 pounds per acre when rainfall is very heavy and disease pressure is high. Concentrate: Apply at equivalent rates in approximately 100 gallons of water. May be used with agricultural spray oil. Brown Rot Blossom Blight. Apply at 2 or 3 pounds per 100 gallons as a full cover spray at pink bud. (Application at this time also affords some control of Leaf Curl and Coryneum Blight). Bacterial Spot. Dormant application, apply at 2 pounds per 100 gallons. Post bloom, apply 1/4 pound per 100 gallons at first and second cover sprays. Do not spray later than three weeks prior to harvest. Do not use at rates above those recommended. (Attention: Slight defoliation and spotting of leaves may occur from use in cover sprays).

PEANUTS, Cercospora Leaf Spot. Begin spraying 40-45 days after planting or when disease symptoms appear. Make ground or aerial application at 1.5 to 3 pounds per acre. For aerial application use 3-10 gallons of water. Continue applications at 10-14 day intervals. Use in sufficient water to get adequate coverage. One to two quarts of a 6-pound flowable sulphur may be added.

PEARS, Fire Blight. Apply at 0.25 pound per 100 gallons or 1 pound per acre at 5 days intervals throughout bloom period. Pseudomonas Blight. Apply FUNGURAN<sup>(R)</sup>-OH before fall rains at a rate of 3-4 pounds per 100 gallons (300-400 GPA) and again at dormant before spring growth starts. Excessive dosages may cause fruit russet.

PEAS, Powdery Mildew. Begin spray treatment when disease symptoms first appear. Use at 1.5 to 3 pounds per acre according to disease severity. Repeat applications at weekly intervals.

PEPPERS, Bacterial Spot. When disease threatens, apply 2 to 3 pounds per acre in sufficient water for adequate coverage at 7 to 14 day intervals depending on disease severity.

PHILODENDRON, Bacterial Leaf Spot. Apply weekly before disease appears at 1.5 pounds FUNGURAN<sup>(R)</sup>-OH plus 1.5 pounds of a coordination product of maneb and zinc (80 % active compound) per 100 gallons of water.

POTATOES, Early & Late Blight. Apply at 7 to 10 day intervals starting when plants are six inches high until two weeks before harvest. Use 1 to 1.5 pounds per acre in those

locations where disease is light and up to 3-4 pounds per acre where disease is more severe.

PUMPKIN & SQUASH, Powdery Mildew. Begin applications when plants are 3 weeks old or when first disease symptoms appear. Use at weekly intervals at 1.5 to 3 pounds per acre depending on disease severity.

STRAWBERRIES, Leaf Spot & Leaf Blight. Apply at 2-3 pounds in 100 gallons per acre. Begin application, when plants are established and continue on a weekly schedule throughout season. Discontinue applications if signs of phytotoxicity appear.

SUGAR BEETS, Cercospora Leaf Spot. Start spray when disease threatens and continue for 4 to 5 applications. Spray 10-14 days depending on weather conditions at 2 to 5 pounds per acre depending on disease severity. Addition of suitable agricultural spray oil is recommended at 2 quarts per acre.

SYCAMORE, Anthracnose. Make two applications using 2-3 pounds per 100 gallons as a full cover spray. Make first application at bud crack and second application 7-14 days later at 10% leaf expansion.

TOMATOES, Early Blight. When disease threatens, apply 2-3 pounds per acre at 7-10 day intervals. Bacterial Speck. Apply at 2 pounds per acre at 10-30 day intervals beginning when the disease threatens. Use more frequent applications when disease pressure is high. Bacterial Spot. When disease threatens, apply 2-4 pounds per acre at 7-10 days intervals, more frequently when disease is severe. May be combined with 1.5 to 2 pounds per acre maneb or coordination product of maneb and zinc (80% active compound). When maneb or the coordination product of zinc and maneb is used in combination, do not apply within five days of harvest.

WALNUT, Walnut Blight. Apply first spray at early pre-bloom when catkins are partially expanded. Make three additional applications during bloom and early nutlet stage at 7-10 day intervals. Additional applications may be necessary when frequent rainfall occurs. Dilute: Apply 2 pounds per 100 gallons water (minimum of 8 lbs/acre). Concentrate: Apply at equivalent rates in 50-100 gallons water per acre. One pint of summer oil emulsion may be added per 100 gallons of spray. Do not apply more than 12.5 pounds per acre per application.

WATERMELON, Anthracnose & Downy Mildew. Apply as soon as plants become established and at weekly intervals thereafter. Anthracnose. Use at 2 pounds per acre. Downy Mildew. Use at 1.5 to 3 pounds per acre, according to disease severity.

**FOR CONTROL OF DISEASES ON ORNAMENTALS IN GREENHOUSES, FIELDS & NURSERIES**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labelling. Apply as a thorough coverage spray using 1 pound FUNGURAN<sup>(R)</sup>-OH per 100 gallons of water. Begin application at first sign of disease and repeat at 7-14 day intervals as needed, use shorter interval during periods of frequent rains or when severe disease conditions persist.

One level tablespoon of FUNGURAN<sup>(R)</sup>-OH per gallon of water is equivalent to one pound per 100 gallons. FUNGURAN<sup>(R)</sup>-OH may be used as a maintenance spray.

FUNGURAN<sup>(R)</sup>-OH may be used alone or in combination with other fungicides such as the dithiocarbamates.

<b>CROP</b>	<b>DISEASES</b>
Aralia	Xanthomonas & Cercospora leafspots, Alternaria
Azalea*	Cercospora leafspot, Botrytis blight, Phytophthora dieback & powdery mildew
Begonia	Xanthomonas leafspot, Anthracnose
Bulbs (Easter lily, tulip, gladiolus)	Botrytis blight
Carnation*	Alternaria blight, Pseudomonas leafspot & Botrytis blight
Chrysanthemum*	Septoria leafspot & Botrytis blight
Cotoneaster	Botrytis blight
Euonymus	Botrytis blight, Anthracnose
Ivy*	Xanthomonas leafspot
Pachysandra	Volutella leaf blight
Periwinkle	Phomopsis stem blight
Pyracantha	Fireblight, scab
Rose*	Powdery mildew, black spot
Yucca (Adam's needle)	Cercospora & Septoria leafspots

\* Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray just before selling season.

CAUTION: Phytotoxicity may depend on varietal differences. If unfamiliar with the use of FUNGURAN<sup>(R)</sup>-OH, apply the recommended rate to a few plants and observe after 7-10 days for symptoms of phytotoxicity.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open burning and dumping is prohibited. Do not reuse empty container.

**Pesticide Storage:** Store product in a secure dry place. Keep product dry, as product is water soluble. When opening, closing or handling open packages, or pouring product, wear goggles to prevent dusting into eyes. Spilled product should be swept up, used if clean, or disposed of according to the procedures below. Store product in original container. Store pesticide separately to prevent cross-contamination of other pesticides, fertilizers, food and feed.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling: (Paper Bag)**

Nonrefillable container: Do not reuse or refill this container.

Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local,

state and federal regulations. When completely empty, offer for recycling if available, or dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**- WARRANTY -  
CONDITION OF SALE:**

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is, however, impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of SPIESS-URANIA CHEMICALS or the seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

**ALL SUCH RISKS ARE  
ASSUMED BY THE BUYER**

SPIESS-URANIA CHEMICALS warrants that this product conforms the chemical description on the label and is reasonably fit for the purposes referred to in the direction for use. SPIESS-URANIA CHEMICALS makes no further warranties, expressed or implied, including FITNESS OR MERCHANTABILITY. In no case shall SPIESS-URANIA CHEMICALS or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by SPIESS-URANIA CHEMICALS and is accepted as such by the Buyer.

Stand: 23.03.1994  
CLL 3/30/2010 PRN 2007-4

